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(54) **Method of isolating and purifying nucleic acids from biological samples.**

(57) A method for isolating and purifying nucleic acids from a biological sample is described. The method employs anion exchange materials, preferably the chloride form of such materials, to bind the nucleic acids and use s halide salts of increasing molarity, preferably chloride salts, to adsorb, wash and elute the nucleic acids.

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# EUROPEAN SEARCH REPORT

Application Number

EP 87 11 7540

## DOCUMENTS CONSIDERED TO BE RELEVANT

| Category | Citation of document with indication, where appropriate, of relevant passages | Relevant to claim | CLASSIFICATION OF THE APPLICATION (Int. Cl.4) |
|---|---|---|---|
| X | FR-A-1 515 265 (KYOWA HAKKO KOGYO K.K.)<br>* Claims *<br>--- | 1-15 | C 07 H 1/08<br>C 12 N 15/00<br>C 12 P 19/34 |
| Y | GB-A-1 170 929 (GLAXO LABORATORIES LTD)<br>* Page 1, lines 10-36; page 4, lines 9-22 *<br>--- | 1-15 | |
| Y | PATENT ABSTRACTS OF JAPAN, vol. 11, no. 13 (C-397)[2460], 14th January 1987; & JP-A-61 187 793 (SAGAMI CHEM. RES. CENTER) 21-08-1986<br>* Abstract *<br>----- | 1-15 | |

TECHNICAL FIELDS SEARCHED (Int. Cl.4)

C 07 H 1/00
C 07 H 21/00
C 12 N 15/00
C 12 P 19/00

The present search report has been drawn up for all claims

| Place of search | Date of completion of the search | Examiner |
|---|---|---|
| THE HAGUE | 16-11-1989 | SCOTT J.R.M. |

CATEGORY OF CITED DOCUMENTS

X : particularly relevant if taken alone
Y : particularly relevant if combined with another document of the same category
A : technological background
O : non-written disclosure
P : intermediate document

T : theory or principle underlying the invention
E : earlier patent document, but published on, or after the filing date
D : document cited in the application
L : document cited for other reasons

& : member of the same patent family, corresponding document

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